OPTICAL HEAD AND OPTICAL PICKUP

ABSTRACT OF THE DISCLOSURE

An optical head, able to reduce thermal stress generated in an optical lens mounted on a bobbin, having a bobbin formed with a center hole and an optical lens mounted on the bobbin via a thermal expansion adjustment member 40 formed with an opening. The optical lens has a substrate formed by an optical material different from the bobbin in coefficient of thermal expansion. The substrate has a convex part functioning as a convex lens and a flat part positioned around the convex part. The flat part is fixed to the thermal expansion adjustment member so that the convex part fits in the opening. The optical lens is placed so that a center axis of the convex part or an extension thereof passes through the center hole of the bobbin and the center axis of the convex part coincides with a center hole of the bobbin.